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VOL. IV

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U.S. DEPARTMENT OF THE INTERIOR

PROTOTYPE OIL SHALE LEASING PROGRAM

TRACT C-b

QUARTERLY REPORT #1

(Through November 30, 1974)

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Submitted to:

Mr. Peter A. Rutledge
Area Oil Shale Supervisor
Conservation District
U. S. Geological Survey
Grand Junction, Colorado

By:

Ashland Oil, Inc.
Atlantic Richfield Company, Operator
Shell Oil Company
The Oil Shale Corporation

JANUARY 14, 1975

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Lithological Logs

LITHOLOGIC LOGS

The lithologic logs present a description of rock types from the surface rocks encountered in a corehole to total depth. The detail of description varies with depth and operation. In most cases, however, the lithology is described from drill cuttings on ten-foot intervals above the "A" groove where drilling is the common practice. In the lower zones, the lithology is described from cores on one-foot intervals.

In addition to providing a means for describing lithology, the litholog presents additional required data such as information on structural dip, joints, fractures, and general rock quality data. This data is entered in the lithologic log at the appropriate depth. The log then presents a depth record of rock type and structure.

A field lithologic log has been made on each well drilled prior to November 30, 1974. Table II B-1 (pp. II B-7 through II B-12, Volume I) shows those wells for which a lithologic log exists.

SENSITIVE MATERIAL

PERMISSION FROM AOSS NEEDED TO SEE LOGS

Pursuant to Section 33 of Federal Lease C-20341, and section 231.5, Title 30, Part 231 of the Federal Code of Regulations the below described materials submitted by the lessee in accordance with an approved Exploration Plan has been deemed confidential and . . . .

FOR U.S. GOVERNMENT USE ONLY

AND OTHER PARTIES W/ PERMISSION

Such material, generally including geological and geophysical interpretations, maps, and data and commercial and financial information, shall not be available to public inspection without consent of the lessee or a written determination from the Mining Supervisor that such material does not contain trade secrets or confidential data; provided, however, that before any such disclosure, except when required by statute or overriding national interest, the Mining Supervisor shall notify the lessee of the proposed disclosure. The lessee shall have 30 days to submit supporting claims of confidentiality or to initiate an appeal prior to any such disclosure.

Nature of material so classified:

LITHOLOGIC LOGS

Date of classification:

7/75